

## EAST Search History

| Ref # | Hits | Search Query   | DBs                          | Default Operator | Plurals | Time Stamp       |
|-------|------|--|------------------------------|------------------|---------|------------------|
| S1    | 1    | ("6658552").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2006/06/22 08:40 |
| S2    | 1    | ("5442802").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2006/06/13 16:32 |
| S3    | 30   | ("4272819"   "4277826"   "4373179"   "4476524"   "4731739"   "4797812"   "4930065"   "5088031"   "5095420"   "5123094"   "5134698"   "5136698"   "5159677"   "5237668"   "5251312"   "5301287"   "5386560").PN. OR ("5442802").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ              | OFF     | 2006/06/13 16:32 |
| S4    | 16   | ("5377337"   "5416921"   "5442802"   "5446734"   "5557611"   "5561809"   "5583990"   "5600805"   "5613068"   "5706432"   "5944797"   "5948060"   "6195739"   "6442669"   "6510496"   "6513108").PN. OR ("6874040").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ              | OFF     | 2006/06/13 16:33 |
| S5    | 26   | ("3593304"   "3787817"   "3820079"   "4068305"   "4096566"   "4631660"   "4731737"   "4760523"   "4876643"   "4896133"   "4907189"   "5131085"   "5134711"   "5163142"   "5197135"   "5226165"   "5353424"   "5355460"   "5418529"   "5442802"   "5519873"   "5590370"   "5675765"   "5752071"   "5754878"   "5887137").PN. OR ("6658552").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | ADJ              | OFF     | 2006/06/13 17:16 |
| S6    | 1    | ("4476524").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2006/06/13 17:16 |
| S7    | 42   | ("4158227"   "4245307"   "4271468"   "4277826"   "4317168"   "4320456"   "4354225"   "4399503").PN. OR ("4476524").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ              | OFF     | 2006/06/13 17:17 |
| S8    | 15   | ("4092715"   "4173783"   "4344132"   "4407016"   "4476524"   "4703449"   "4843544"   "5157770"   "5167020"   "5247616"   "5293603").PN. OR ("5581789").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ              | OFF     | 2006/06/13 17:19 |
| S9    | 27   | ("3394731"   "3713107"   "3810093"   "4118788"   "4476524"   "4497039"   "4506326"   "4644471"   "4734877"   "4737921"   "4779192"   "4799152"   "4870568"   "4967341"   "5276899").PN. OR ("5548769").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ              | OFF     | 2006/06/13 17:23 |
| S10   | 63   | ("2907003"   "3290659"   "3332069"   "3350694"   "3427596"   "3480914"   "3540000"   "3544966"   "3636519").PN. OR ("3713107").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ              | OFF     | 2006/06/13 17:25 |
| S11   | 50   | ("3559187"   "3573741"   "3588831"   "3654617"   "3673575"   "3673576"   "3675209"   "3713107"   "3713108"   "3725864"   "3740728"   "3742457"   "3753236"   "3766526").PN. OR ("3909799").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ              | OFF     | 2006/06/13 17:28 |
| S12   | 520  | (712/34-35).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2006/06/14 09:12 |
| S13   | 376  | (712/300).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2006/06/14 09:12 |
| S14   | 2386 | data (move or mover)   | US-PGPUB;<br>USPAT           | ADJ              | OFF     | 2006/06/14 09:12 |
| S15   | 55   | (async\$ or coprocessor\$1 or co-processor\$1) with S14  | US-PGPUB;<br>USPAT           | ADJ              | OFF     | 2006/06/14 09:15 |
| S16   | 282  | (S12 or S13) and (string or copy)  | US-PGPUB;<br>USPAT           | ADJ              | OFF     | 2006/06/14 14:51 |
| S17   | 1    | ("5,893,140").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2006/06/14 09:17 |

## EAST Search History

|     |     |  |                              |     |     |                  |
|-----|-----|--|------------------------------|-----|-----|------------------|
| S18 | 1   | ("5,737,747").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR  | OFF | 2006/06/14 09:19 |
| S19 | 2   | ((("5,544,347") or ("5,734,818")).PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR  | OFF | 2006/06/14 09:19 |
| S29 | 7   | ("5251322"   "5293606"   "5392448"   "5524233"   "5732285"   "6055583").PN. OR ("6219761").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | OFF | 2006/06/14 16:11 |
| S30 | 16  | ("3717851"   "3739352"   "4109310"   "4326290"   "4620274"   "4920483"   "5053953"   "5060147"   "5073864").PN. OR ("5619715").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | OFF | 2006/06/14 16:21 |
| S31 | 520 | (712/34-35).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR | OR  | OFF | 2006/06/14 16:22 |
| S32 | 376 | (712/300).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR | OR  | OFF | 2006/06/14 16:22 |
| S33 | 282 | (S31 or S32) and (string or copy)  | US-PGPUB;<br>USPAT           | ADJ | OFF | 2006/06/14 16:22 |
| S34 | 576 | (S31 or S32) not S33   | US-PGPUB;<br>USPAT           | ADJ | OFF | 2006/06/14 16:23 |
| S35 | 501 | (dma or direct memory access) with (coprocessor\$1 or co-processor\$1)   | US-PGPUB;<br>USPAT           | ADJ | OFF | 2006/06/14 16:25 |
| S36 | 104 | (dma or direct memory access) with (coprocessor\$1 or co-processor\$1) with instruction\$1   | US-PGPUB;<br>USPAT           | ADJ | OFF | 2006/06/14 16:28 |
| S37 | 7   | (dma or direct memory access) with (coprocessor\$1 or co-processor\$1) with slave\$1   | US-PGPUB;<br>USPAT           | ADJ | OFF | 2006/06/14 16:28 |
| S38 | 21  | ("4371932"   "4672570"   "4866665"   "5021991"   "5109333"   "5165027"   "5280613").PN. OR ("5485624").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | OFF | 2006/06/14 16:31 |
| S39 | 45  | ("4533995"   "4564899"   "4802085"   "4811208"   "4910656"   "4912631"   "4926323"   "4933835"   "4958351").PN. OR ("5185694").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | OFF | 2006/06/14 16:35 |
| S40 | 54  | ("3588829"   "3713107"   "3949379"   "3962706"   "4042914"   "4071890"   "4153932"   "4181934"   "4370710"   "4376976"   "4384324"   "4395758"   "4451884"   "4481578"   "4493051"   "4509116"   "4590556"   "4591975"   "4630195"   "4648034"   "4654788"   "4675806"   "4688170"   "4700292"   "4729094").PN. OR ("5001624").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | OFF | 2006/06/14 16:38 |
| S41 | 16  | ("5021991"   "5093908"   "5125095"   "5673407"   "5778247"   "5857096"   "5923893"   "5983338").PN. OR ("6247113").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | OFF | 2006/06/14 16:55 |
| S42 | 26  | ("3359304" "3787817" "3820079" "4068305" "4096566" "4631660" "4731737" "4760523" "4876643" "4896133" "4907189" "5131085" "5134711" "5163142" "5197135" "5226165" "5353424" "5355460" "5418529" "5442802" "5519873" "5590370" "5675765" "5752071" "5754878" "5887137").PN.  | US-PGPUB;<br>USPAT           | ADJ | OFF | 2006/06/20 08:34 |
| S43 | 63  | ("4882701"   "5056004"   "5101484"   "5265253"   "5303355").PN. OR ("5404473").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | OFF | 2006/06/20 08:28 |
| S44 | 21  | ("3916388"   "4109310"   "4520439"   "4542456"   "4556951"   "4575795"   "4580214"   "4598358"   "4598359"   "4625295"   "4663732"   "4860192"   "4896133").PN. OR ("5222225").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | OFF | 2006/06/20 08:31 |
| S45 | 16  | ("4860192" "4920483" "5060143" "5179711" "5222225" "5404473" "5710905" "5752015" "5764946" "5780780" "5802556" "5900012" "5943681" "6085291" "6658552" "6711667").PN.  | US-PGPUB;<br>USPAT           | ADJ | OFF | 2006/06/20 08:34 |

## EAST Search History

|     |        |  |                              |     |     |                  |
|-----|--------|--|------------------------------|-----|-----|------------------|
| S46 | 26     | ("3359304" "3787817" "3820079" "4068305" "4096566" "4631660" "4731737" "4760523" "4876643" "4896133" "4907189" "5131085" "5134711" "5163142" "5197135" "5226165" "5353424" "5355460" "5418529" "5442802" "5519873" "5590370" "5675765" "5752071" "5754878" "5887137").PN.  | US-PGPUB;<br>USPAT           | ADJ | OFF | 2006/06/20 08:40 |
| S47 | 1      | ("20040010321").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR  | OFF | 2006/06/20 16:50 |
| S50 | 5672   | imamura  | US-PGPUB;<br>USPAT           | ADJ | OFF | 2006/06/21 09:18 |
| S51 | 2295   | S50 and transfer\$4  | US-PGPUB;<br>USPAT           | ADJ | OFF | 2006/06/21 09:18 |
| S52 | 146    | S50 and ( transfer\$4 same address )   | US-PGPUB;<br>USPAT           | ADJ | OFF | 2006/06/21 09:23 |
| S53 | 1      | ("5134698").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR  | OFF | 2006/06/21 13:14 |
| S54 | 374981 | integrated circuit\$1  | US-PGPUB;<br>USPAT           | ADJ | OFF | 2006/06/21 13:15 |
| S55 | 100    | S54 same processor\$1 same northbridge\$1  | US-PGPUB;<br>USPAT           | ADJ | OFF | 2006/06/21 13:15 |
| S56 | 975    | northbridge\$1   | US-PGPUB;<br>USPAT           | ADJ | OFF | 2006/06/21 13:18 |
| S57 | 7645   | bus bridge   | US-PGPUB;<br>USPAT           | ADJ | OFF | 2006/06/21 13:18 |
| S58 | 322    | S54 same S57   | US-PGPUB;<br>USPAT           | ADJ | OFF | 2006/06/21 16:43 |
| S59 | 1      | ("20040073774").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR  | OFF | 2006/06/21 16:43 |
| S60 | 1      | ("5485624").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR  | OFF | 2006/12/04 15:14 |
| S61 | 21     | ("4371932"   "4672570"   "4866665"   "5021991"   "5109333"   "5165027"   "5280613").PN. OR ("5485624").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | OFF | 2006/12/04 15:17 |
| S62 | 1      | ("6026478").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR  | OFF | 2006/12/04 15:18 |
| S63 | 34     | ("4272819"   "4277826"   "4373179"   "4476524"   "4731739"   "4797812"   "4930065"   "5088031"   "5095420"   "5123094"   "5134698"   "5136698"   "5159677"   "5237668"   "5251312"   "5301287"   "5386560").PN. OR ("5442802").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | OFF | 2006/12/04 17:25 |
| S64 | 16     | ("5377337"   "5416921"   "5442802"   "5446734"   "5557611"   "5561809"   "5583990"   "5600805"   "5613068"   "5706432"   "5944797"   "5948060"   "6195739"   "6442669"   "6510496"   "6513108").PN. OR ("6874040").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | OFF | 2006/12/04 17:25 |
| S65 | 29     | ("3593304"   "3787817"   "3820079"   "4068305"   "4096566"   "4631660"   "4731737"   "4760523"   "4876643"   "4896133"   "4907189"   "5131085"   "5134711"   "5163142"   "5197135"   "5226165"   "5353424"   "5355460"   "5418529"   "5442802"   "5519873"   "5590370"   "5675765"   "5752071"   "5754878"   "5887137").PN. OR ("6658552").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | OFF | 2006/12/04 17:25 |
| S66 | 42     | ("4158227"   "4245307"   "4271468"   "4277826"   "4317168"   "4320456"   "4354225"   "4399503").PN. OR ("4476524").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | OFF | 2006/12/04 17:25 |
| S67 | 15     | ("4092715"   "4173783"   "4344132"   "4407016"   "4476524"   "4703449"   "4843544"   "5157770"   "5167020"   "5247616"   "5293603").PN. OR ("5581789").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | OFF | 2006/12/04 17:25 |

## EAST Search History

|     |      |  |                              |     |     |                  |
|-----|------|--|------------------------------|-----|-----|------------------|
| S68 | 27   | ("3394731"   "3713107"   "3810093"   "4118788"   "4476524"   "4497039"   "4506326"   "4644471"   "4734877"   "4737921"   "4779192"   "4799152"   "4870568"   "4967341"   "5276899").PN. OR ("5548769").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | OFF | 2006/12/04 17:25 |
| S69 | 63   | ("2907003"   "3290659"   "3332069"   "3350694"   "3427596"   "3480914"   "3540000"   "3544966"   "3636519").PN. OR ("3713107").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | OFF | 2006/12/04 17:25 |
| S70 | 51   | ("3559187"   "3573741"   "3588831"   "3654617"   "3673575"   "3673576"   "3675209"   "3713107"   "3713108"   "3725864"   "3740728"   "3742457"   "3753236"   "3766526").PN. OR ("3909799").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | OFF | 2006/12/04 17:25 |
| S71 | 552  | (712/34-35).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR | OR  | OFF | 2006/12/04 17:25 |
| S72 | 386  | (712/300).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR | OR  | OFF | 2006/12/04 17:25 |
| S73 | 2555 | data (move or mover)   | US-PGPUB;<br>USPAT           | ADJ | OFF | 2006/12/04 17:26 |
| S74 | 58   | (async\$ or coprocessor\$1 or co-processor\$1) with S73  | US-PGPUB;<br>USPAT           | ADJ | OFF | 2006/12/04 17:26 |
| S75 | 293  | (S71 or S72) and (string or copy)  | US-PGPUB;<br>USPAT           | ADJ | OFF | 2006/12/04 17:26 |
| S76 | 7    | ("5251322"   "5293606"   "5392448"   "5524233"   "5732285"   "6055583").PN. OR ("6219761").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | OFF | 2006/12/04 17:26 |
| S77 | 16   | ("3717851"   "3739352"   "4109310"   "4326290"   "4620274"   "4920483"   "5053953"   "5060147"   "5073864").PN. OR ("5619715").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | OFF | 2006/12/04 17:26 |
| S78 | 111  | (dma or direct memory access) with (coprocessor\$1 or co-processor\$1) with instruction\$1   | US-PGPUB;<br>USPAT           | ADJ | OFF | 2006/12/04 17:27 |
| S79 | 7    | (dma or direct memory access) with (coprocessor\$1 or co-processor\$1) with slave\$1   | US-PGPUB;<br>USPAT           | ADJ | OFF | 2006/12/04 17:27 |
| S80 | 21   | ("4371932"   "4672570"   "4866665"   "5021991"   "5109333"   "5165027"   "5280613").PN. OR ("5485624").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | OFF | 2006/12/04 17:27 |
| S81 | 45   | ("4533995"   "4564899"   "4802085"   "4811208"   "4910656"   "4912631"   "4926323"   "4933835"   "4958351").PN. OR ("5185694").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | OFF | 2006/12/04 17:27 |
| S82 | 54   | ("3588829"   "3713107"   "3949379"   "3962706"   "4042914"   "4071890"   "4153932"   "4181934"   "4370710"   "4376976"   "4384324"   "4395758"   "4451884"   "4481578"   "4493051"   "4509116"   "4590556"   "4591975"   "4630195"   "4648034"   "4654788"   "4675806"   "4688170"   "4700292"   "4729094").PN. OR ("5001624").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | OFF | 2006/12/04 17:27 |
| S83 | 18   | ("5021991"   "5093908"   "5125095"   "5673407"   "5778247"   "5857096"   "5923893"   "5983338").PN. OR ("6247113").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | OFF | 2006/12/04 17:27 |
| S84 | 67   | ("4882701"   "5056004"   "5101484"   "5265253"   "5303355").PN. OR ("5404473").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | OFF | 2006/12/04 17:27 |
| S85 | 25   | ("3916388"   "4109310"   "4520439"   "4542456"   "4556951"   "4575795"   "4580214"   "4598358"   "4598359"   "4625295"   "4663732"   "4860192"   "4896133").PN. OR ("5222225").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | OFF | 2006/12/04 17:27 |
| S86 | 5968 | imamura  | US-PGPUB;<br>USPAT           | ADJ | OFF | 2006/12/04 17:28 |
| S87 | 155  | S86 and ( transfer\$4 same address )   | US-PGPUB;<br>USPAT           | ADJ | OFF | 2006/12/04 17:28 |

## EAST Search History

|     |        |   |                              |     |     |                  |
|-----|--------|---|------------------------------|-----|-----|------------------|
| S88 | 402320 | integrated circuit\$1   | US-PGPUB;<br>USPAT           | ADJ | OFF | 2006/12/04 17:28 |
| S89 | 8436   | bus bridge  | US-PGPUB;<br>USPAT           | ADJ | OFF | 2006/12/04 17:28 |
| S90 | 368    | S88 same S89  | US-PGPUB;<br>USPAT           | ADJ | OFF | 2006/12/04 17:29 |
| S91 | 21     | ("4371932"   "4672570"   "4866665"   "5021991"   "5109333"  <br>"5165027"   "5280613").PN. OR ("5485624").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | OFF | 2006/12/04 17:28 |
| S92 | 1      | ("20040073774").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR  | OFF | 2006/12/04 17:29 |